

Amendments to the Specification:

Please replace the abstract with the following amended abstract:

An episode classification system including a multitude of diagnosis records ~~is disclosed~~. Each of the diagnosis records ~~includes~~ ^{[[may]]} diagnoses information, time of diagnoses information, and patient information. A patient grouper ~~generates~~ ^{[[may]]} at least one patient group by grouping patient records having similar patient information. A diagnosis grouper ~~generates~~ ^{[[may]]} at least one diagnosis group from a patient group by grouping patient records from a patient group that have similar diagnosis information. An episode analyzer ~~includes~~ ^{[[may]]} a probability analyzer, an episode grouper, and a severity analyzer. The probability analyzer ~~performs~~ ^{[[may]]} probability calculations capable of generating a probability value using at least two of the diagnosis records as input entries. The probability value ~~represents~~ ^{[[may]]} the probability that the input entries belong to a single episode. The episode grouper ~~groups~~ ^{[[may]]} diagnosis records determined to belong to a single episode. The severity analyzer ~~performs~~ ^{[[may]]} episode severity calculations capable of generating an episode severity value.